(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date 19 May 2005 (19.05.2005)

PCT

(10) International Publication Number WO 2005/044848 A1

(51) International Patent Classification7:

C07K 14/47

Agent: JANG, Seongku; 19th Fl., KEC Building, #275-7,

(21) International Application Number:

PCT/KR2004/002888

(22) International Filing Date:

9 November 2004 (09.11.2004)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data: 10-2003-0079482

11 November 2003 (11.11.2003)

(71) Applicant (for all designated States except US): NATIONAL CANCER CENTER [KR/KR]; 809, Madu-1-dong, Ilsan-gu, Goyang-si, Kyungki-do 411-351 (KR).

(72) Inventors; and

(75) Inventors/Applicants (for US only): CHUNG, Junho [KR/KR]; 501, #98-2, Changseong-dong, Jongro-gu, Seoul 110-034 (KR). HUR, Youngmi [KR/KR]; B02, #683-34, Hannam-2-dong, Yongsan-gu, Seoul 140-212 (KR).

Yangjae-dong, Seochu-ku, Seoul 137-130 (KR).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: NEUTRALIZABLE EPITOPE OF HGF AND NEUTRALIZING ANTIBODY BINDING TO THE SAME



(57) Abstract: The neutralizing antibody against HGF binding to the inventive neutralizable epitope of HGF is capable of neutralizing HGF as a single agent, and can be effectively used for preventing and treating intractable diseases and cancers that are caused by binding of HGF to its receptor Met.